

August 22, 2018 Preliminary Flood Summary

Potomac	Above FS (ft)	Crest (ft)	Streflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<u>Martinsburg, West Virginia - (MBGW2)</u>	Flood = 10.0	11.63	3,640	Flood = 10.0	10.0 (minor)	18.76
Opequon Creek - (WFO LWX)	8/22/2018	August 22, 2018		8/22/2018	12.5 (moderate)	23,400
Gage & Town/Berkeley County	1:25	6:30:00 EST		10:55	15.0 (major)	January 20, 1996
Southeast PA & Delaware	Above FS (ft)	Crest (ft)	Streflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<u>Graterford, Pennsylvania - (GRAP1)</u>	Flood = 11.0	11.93	16,600	Flood = 11.0	11.0 (minor)	18.26
Perkiomen Creek - (WFO PHI)	8/22/2018	August 22, 2018		8/22/2018	13.0 (moderate)	39,900
Gage & Town/Montgomery County	4:50	7:30:00 EST		9:35	16.0 (major)	July 9, 1935
<u>Norristown, Pennsylvania - (NRSP1)</u>	Flood = 13.0	13.09	29,900	Flood = 13.0	13.0 (minor)	25.10
Schuylkill River - (WFO PHI)	8/22/2018	August 22, 2018		8/22/2018	17.0 (moderate)	not available
Gage & Town/Montgomery County	9:50	11:40:00 EST		13:05	19.0 (major)	June 23, 1972
Susquehanna (Lower Main Stem)	Above FS (ft)	Crest (ft)	Streflow (cfs)	Below FS (ft)	Category (ft)	Record (ft) - (cfs)
<u>Lancaster, Pennsylvania - (LNCP1)</u>	Flood = 11.0	13.86	13,000	Flood = 11.0	11.0 (minor)	27.90
Conestoga River - (WFO CTP)	8/22/2018	August 22, 2018		8/22/2018	13.0 (moderate)	50,300
Gage & Town/Lancaster County	8:35	13:30:00 EST		17:50	15.0 (major)	June 23, 1972



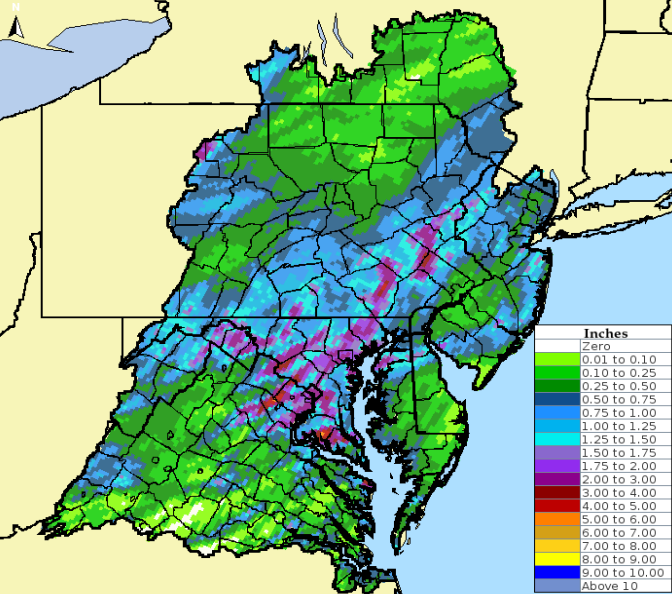
Crest Statistics

Flooding - 08/22/2018
 Crests - 08/22/2018
 Fifth flood of 6 - August, 2018
 Twenty-first flood in 2018
 Number of MARFC Forecast Points Flooding - **4**
 Number of Floods Cresting in **Minor** Range - 3
 Number of Floods Cresting in **Moderate** Range - 1
 Number of Floods Cresting in **Major** Range - 0
 Number of Floods Cresting in **Missing** Range - 0
MARFC Power Ranking - 8 (Minor = 1 - Moderate = 5 - Major = 10 - Missing =1)
 Number of MARFC records - 0
 E = Estimated

Weather Summary

Slow moving thunderstorms along a frontal system being fed by Atlantic moisture dropped 2 to nearly 4 inches of rain over several locations leading to widespread stream and river rises, but only scattered flooding. But, moderate flooding occurred on the Conestoga River in PA.

TOP 24-HOUR PRECIPITATION AMOUNTS (Liquid Equivalent and in inches)

10/28/2017 (12 Z) - 10/29/2017 (12 Z) Amount Location County State	 24 hr Estimated Precipitation Middle Atlantic River Forecast Center Ending on Wed Aug 22, 2018 at 08 AM EDT 	
3.87 New Holland, PA Lancaster		
3.34 St. Marys, PA Elk		
3.24 Gilbertsville, PA Montgomery		
2.80 Mohnnton, PA Berks		
2.77 Westminster, MD Carroll		
2.72 Dulles Airport, VA Fairfax		
2.65 Suitland, MD Prince Georges		
2.55 Schnecksville, PA Lehigh		
2.50 Takoma Park, MD Montgomery		
2.48 Poolesville, MD Montgomery		
2.46 Reagan Airport, VA Arlington		
2.45 Ten Mile, MD Montgomery		
2.45 Mt Airy, MD Carroll		
2.44 Clarksburg, MD Montgomery		
2.43 Allentown, PA Lehigh		
2.43 Falling Waters, WV Berkeley		

Floods by MARFC Basins						
MARFC Basins	Fcst Points	Minor	Moderate	Major	Unknown	Mod & Major
Appomattox	0	0	0	0	0	0
Chemung	0	0	0	0	0	0
Delaware	0	0	0	0	0	0
James	0	0	0	0	0	0
Juniata	0	0	0	0	0	0
Lehigh	0	0	0	0	0	0
Lower Main Stem Susquehanna	1	0	1	0	0	1
North Branch Susquehanna	0	0	0	0	0	0
Passaic	0	0	0	0	0	0
Potomac	1	1	0	0	0	0
Rappahannock	0	0	0	0	0	0
Raritan	0	0	0	0	0	0
SE PA and Delaware (state)	2	2	0	0	0	0
Shenandoah	0	0	0	0	0	0
Upper Main Stem Susquehanna	0	0	0	0	0	0
West Branch Susquehanna	0	0	0	0	0	0
Floods by NWS Weather Forecast Offices						
Forecast Office	Fcst Points	Minor	Moderate	Major	Unknown	Mod & Major
Blacksburg, VA (RNK)	0	0	0	0	0	0
Binghamton, NY (BGM)	0	0	0	0	0	0
Brookhaven, NY (OKX)	0	0	0	0	0	0
Philadelphia, PA (PHI)	2	2	0	0	0	0
State College, PA (CTP)	1	0	1	0	0	1
Sterling, VA (LWX)	1	1	0	0	0	0
Wakefield, VA (AKQ)	0	0	0	0	0	0